

Applicant: Gregory N. Nordgren
 Serial No.: 09/542,503
 Filing Date: April 3, 2000
 For: CATHETER WITH VALVED DISTAL TIP

Att'y Docket No. 2408.3775US
 Group: 3763

INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patent Documents

| Examiner Initial* | Patent Number | Issue Date | Name | Class | Sub Class | Filing Date |
|-------------------|---------------|------------|---------------|-------|-----------|-------------|
| <u>BW</u> A1 | 4,850,969 | 07/25/89 | Jackson | 604 | 96 | 02/11/88 |
| <u>BW</u> A2 | 5,810,789 | 09/22/98 | Powers et al. | 604 | 280 | 04/05/96 |

Foreign Patent Documents

| Examiner Initial* | Document Number | Publ. Date | Country or Patent Office | Class | Sub Class | Translation |
|-------------------|-----------------|------------|--------------------------|-------|-----------|-------------|
| <u>BW</u> A3 | 547,463 | 06/23/93 | Europe | A61M | 25/00 | N/A |

Other Documents

(including author (if listed), title, relevant pages, date of publication including at least month and year).

-- none --

References Cited by Applicants

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Examiner:

Date Considered:

Christine S. Williams

3/19/04

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|----------------------|------------------|---------------|-----------------|-------|--------------|----------------|
| <u>CBW</u> A1 | 1,719,428 | 07/02/29 | Friedman | 604 | 105 | 05/21/27 |
| A2 | 2,393,033 | 01/15/46 | Ellinwood | 174 | 40 | 05/06/42 |
| A3 | 2,616,429 | 11/04/52 | Merenlender | 128 | 350 | 08/27/51 |
| A4 | 3,020,913 | 02/13/62 | Heyer | 128 | 350 | 07/15/58 |
| A5 | 3,111,125 | 11/19/63 | Schulte | 128 | 350 | 11/06/61 |
| A6 | 3,131,712 | 05/05/64 | Risley et al. | 137 | 318 | 05/12/60 |
| A7 | 3,303,846 | 02/14/67 | Ogle | 128 | 218 | 10/08/63 |
| A8 | 3,525,357 | 08/25/70 | Koreski | 137 | 516.1 | 11/18/68 |
| A9 | 3,654,932 | 04/11/72 | Newkirk et al. | 128 | 350 V | 11/26/69 |
| A10 | 3,734,126 | 05/22/73 | Weaver | 137 | 512.15 | 06/16/71 |
| A11 | 3,799,172 | 03/26/74 | Szpur | 138 | 349 R | 09/25/72 |
| A12 | 3,865,666 | 02/11/75 | Shoney | 156 | 245 | 05/08/73 |
| A13 | 3,885,561 | 05/27/75 | Cami | 128 | 214 | 08/12/74 |
| A14 | 3,888,249 | 06/10/75 | Spencer | 128 | 214 R | 11/02/73 |
| A15 | 3,995,617 | 12/07/76 | Watkins et al. | 128 | 1 D | 05/31/72 |
| A16 | 4,003,398 | 01/18/77 | Duveau | 137 | 512 | 03/17/75 |
| A17 | 4,029,104 | 06/14/77 | Kerber | 128 | 348 | 03/08/76 |
| A18 | 4,143,853 | 03/13/79 | Abramson | 251 | 149.1 | 07/14/77 |
| A19 | 4,240,434 | 12/23/80 | Newkirk | 128 | 350 V | 10/10/78 |
| A20 | 4,327,722 | 05/04/82 | Groshong et al. | 128 | 214.4 | 08/20/79 |
| A21 | 4,341,239 | 07/27/82 | Atkinson | 137 | 493 | 07/14/80 |
| <u>CBW</u> A22 | 4,431,426 | 02/14/84 | Groshong et al. | 604 | 280 | 10/03/80 |

Examiner:

Catherine S. Williams

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Sheet 2 of 5

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U.S. Patent Documents

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|-----------------------|------------------|---------------|--------------------|-------|--------------|----------------|
| (B.N.) A23 | 4,434,810 | 03/06/84 | Atkinson | 137 | 493 | 05/24/82 |
| _____ A24 | 4,475,898 | 10/09/84 | Brodner et al. | 604 | 9 | 04/26/82 |
| _____ A25 | 4,529,399 | 07/16/85 | Groshong et al. | 604 | 53 | 05/03/83 |
| _____ A26 | 4,549,879 | 10/29/85 | Groshong et al. | 604 | 247 | 05/03/83 |
| _____ A27 | 4,559,046 | 12/17/85 | Groshong et al. | 604 | 282 | 07/28/83 |
| _____ A28 | 4,601,697 | 07/22/86 | Mammolenti et al. | 604 | 43 | 12/07/84 |
| _____ A29 | 4,657,536 | 04/14/87 | Dorman | 604 | 247 | 03/19/81 |
| _____ A30 | 4,671,796 | 06/09/87 | Groshong et al. | 604 | 247 | 10/25/85 |
| _____ A31 | 4,685,905 | 08/11/87 | Jeanneret nee Aab | 604 | 247 | 05/19/86 |
| _____ A32 | 4,701,166 | 10/20/87 | Groshong et al. | 604 | 247 | 10/02/86 |
| _____ A33 | 4,737,152 | 04/12/88 | Alchas | 604 | 256 | 07/02/86 |
| _____ A34 | 4,753,640 | 06/28/88 | Nichols et al. | 604 | 247 | 10/06/86 |
| _____ A35 | 4,973,319 | 11/27/90 | Melsky | 604 | 247 | 05/10/89 |
| _____ A36 | 4,995,863 | 02/26/91 | Nichols et al. | 604 | 247 | 02/25/88 |
| _____ A37 | 5,000,745 | 03/19/91 | Guest et al. | 604 | 256 | 11/18/88 |
| _____ A38 | 5,004,455 | 04/02/91 | Greenwood et al. | 604 | 43 | 07/17/89 |
| _____ A39 | 5,030,210 | 07/09/91 | Alchas | 604 | 247 | 02/08/88 |
| _____ A40 | 5,084,015 | 01/28/92 | Moriuchi | 604 | 96 | 05/15/89 |
| _____ A41 | 5,085,635 | 02/04/92 | Cragg | 604 | 96 | 05/18/90 |
| _____ A42 | 5,112,301 | 05/12/92 | Fenton, Jr. et al. | 604 | 30 | 06/19/91 |
| _____ A43 | 5,147,318 | 09/15/92 | Hohn | 604 | 174 | 03/04/91 |
| _____ A44 | 5,147,332 | 09/15/92 | Moorehead | 604 | 247 | 05/17/91 |
| _____ A45 | 5,160,325 | 11/03/92 | Nichols et al. | 604 | 247 | 01/22/91 |
| (B.N.) A46 | 5,163,921 | 11/17/92 | Feiring | 604 | 247 | 10/04/90 |

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Sheet 3 of 5

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|-------------------|---------------|------------|-------------------|-------|-----------|-------------|
| <u>(b2)</u> A47 | 5,180,364 | 01/19/93 | Ginsburg | 604 | 53 | 07/03/91 |
| <u> </u> A48 | 5,190,524 | 03/02/93 | Wex | 604 | 80 | 02/08/91 |
| <u> </u> A49 | 5,215,527 | 06/01/93 | Beck et al. | 604 | 164 | 12/12/91 |
| <u> </u> A50 | 5,224,938 | 07/06/93 | Fenton, Jr. | 604 | 247 | 03/18/92 |
| <u> </u> A51 | 5,250,034 | 10/05/93 | Appling et al. | 604 | 164 | 08/07/91 |
| <u> </u> A52 | 5,261,885 | 11/16/93 | Lui | 604 | 247 | 07/14/92 |
| <u> </u> A53 | 5,267,979 | 12/07/93 | Appling et al. | 604 | 247 | 07/21/92 |
| <u> </u> A54 | 5,290,263 | 03/01/94 | Wigness et al. | 604 | 247 | 07/27/92 |
| <u> </u> A55 | 5,304,155 | 04/19/94 | Lui | 604 | 247 | 07/12/93 |
| <u> </u> A56 | 5,522,807 | 06/04/96 | Luther | 604 | 264 | 09/07/94 |
| <u> </u> A57 | 5,554,136 | 09/10/96 | Luther | 604 | 264 | 02/27/95 |
| <u> </u> A58 | 5,573,509 | 11/12/96 | Thornton | 604 | 102 | 11/22/94 |
| <u> </u> A59 | 5,738,666 | 04/14/98 | Watson et al. | 604 | 264 | 07/10/96 |
| <u> </u> A60 | 5,776,096 | 07/07/98 | Fields | 604 | 43 | 06/06/96 |
| <u> </u> A61 | 5,800,411 | 09/01/98 | Nakada et al. | 604 | 280 | 09/06/96 |
| <u> </u> A62 | 5,807,348 | 09/15/98 | Zinger et al. | 604 | 246 | 05/15/97 |
| <u> </u> A63 | 5,807,349 | 09/15/98 | Person et al. | 604 | 247 | 03/10/97 |
| <u> </u> A64 | 5,807,356 | 09/15/98 | Finch, Jr. et al. | 604 | 284 | 10/04/95 |
| <u> </u> A65 | 5,814,024 | 09/29/98 | Thompson et al. | 604 | 246 | 11/27/96 |
| <u> </u> A66 | 5,928,203 | 07/27/99 | Davey et al. | 604 | 247 | 10/01/97 |
| <u> </u> A67 | 5,984,903 | 11/16/99 | Nadal | 604 | 256 | 12/11/96 |
| <u>(b2)</u> A68 | 6,120,483 | 09/19/00 | Davey et al. | 604 | 247 | 03/19/99 |

Examiner:

Anthony S. Williams

Date Considered:

3/19/04

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|----------------------|--------------------|---------------|-----------------------------|---------------|------------|------------------|
| <u>BN</u> | A69 | 191,154 | 08/20/86 | Europe | A61M 25/00 | Yes |
| | A70 | 328,332 | 08/16/89 | Europe | A61M 25/00 | N/A |
| | A71 | 351,864 | 01/24/90 | Europe | A61M 25/00 | Yes |
| | A72 | 864,336 | 09/16/98 | Europe | A61M 25/00 | N/A |
| | A73 | 2,707,505 | 01/20/95 | France | A61M 25/00 | Yes |
| | A74 | 3,724,978 | 02/09/89 | Germany | A61M 5/14 | No |
| | A75 | 727,959 | 04/13/55 | Great Britain | 81(2) B23 | N/A |
| | A76 | WO 80/02230 | 10/30/80 | PCT | A61M 5/00 | N/A |
| <u>BN</u> | A77 | WO 90/09204 | 08/23/90 | PCT | A61M 25/00 | N/A |

Other Documents

(including author (if listed), title, relevant pages, date of publication including at least month and year).

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